Rule 3.19A.2

Appendix 3Y

Change of Director's Interest Notice

Information or documents not available now must be given to ASX as soon as available. Information and documents given to ASX become ASX's property and may be made public.

Introduced 30/09/01 Amended 01/01/11

Name of entity Bionomics Limited	
ABN 53 075 582 740	

We (the entity) give ASX the following information under listing rule 3.19A.2 and as agent for the director for the purposes of section 205G of the Corporations Act.

Name of Director	Deborah Rathjen
Date of last notice	24 November 2017

Part 1 - Change of director's relevant interests in securities

In the case of a trust, this includes interests in the trust made available by the responsible entity of the trust

Note: In the case of a company, interests which come within paragraph (i) of the definition of "notifiable interest of a director" should be disclosed in this part.

Direct or indirect interest	Indirect
Nature of indirect interest	C/O The Abielle Super Fund
(including registered holder) Note: Provide details of the circumstances giving rise to the relevant interest.	C/O The Molene Super Fund
Date of change	8 December 2017
No. of securities held prior to change	A) 1,485,901 Listed Ordinary Shares B) 1,330,000,000 Unlisted ESOP Options C) 1,000,000 Listed Ordinary Shares C/O The Abielle Super Fund
Class	Listed Ordinary Shares
Number acquired	C) 65,000
Number disposed	B) 65,000
Value/Consideration Note: If consideration is non-cash, provide details and estimated valuation	\$18,499

⁺ See chapter 19 for defined terms.

Appendix 3Y Change of Director's Interest Notice

No. of securities held after change	A) 1,485,901 Listed Ordinary Shares B) 1,265,000 Unlisted ESOP Options C) 1,065,000 Listed Ordinary Shares
Nature of change Example: on-market trade, off-market trade, exercise of options, issue of securities under dividend reinvestment plan, participation in buy-back	Exercise of Options issued under the Employee Share Option Plan

Part 2 – Change of director's interests in contracts

Note: In the case of a company, interests which come within paragraph (ii) of the definition of "notifiable interest of a director" should be disclosed in this part.

Detail of contract	
Nature of interest	
Name of registered holder	
(if issued securities)	
Date of change	
No. and class of securities to which	
interest related prior to change Note: Details are only required for a contract in	
relation to which the interest has changed	
Interest acquired	
Interest disposed	
Value/Consideration	
Note: If consideration is non-cash, provide details and an estimated valuation	
Interest after change	

Part 3 - +Closed period

Were the interests in the securities or contracts detailed above traded during a +closed period where prior written clearance was required?	No
If so, was prior written clearance provided to allow the trade to proceed during this period?	N/A
If prior written clearance was provided, on what date was this provided?	N/A

Appendix 3Y Page 2 01/01/2011

⁺ See chapter 19 for defined terms.